

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR2004/002728

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B22D11/115

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B22D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|------------|--|-----------------------|
| A          | PATENT ABSTRACTS OF JAPAN<br>vol. 2000, no. 02,<br>29 February 2000 (2000-02-29)<br>-& JP 11 320054 A (NIPPON STEEL CORP),<br>24 November 1999 (1999-11-24)<br>abstract; figures 1-3<br>-----  | 1-10                  |
| A          | FR 2 358 223 A (SIDERURGIE FSE INST RECH)<br>10 February 1978 (1978-02-10)<br>"propagation du champ magnétique selon le<br>sens ascensionnel depuis la partie<br>inférieure de la lingotière jusqu'au<br>ménisque"<br>page 1 - page 3; claims 1-3<br>-----<br>-/-- | 1-10                  |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

**\* Special categories of cited documents**

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\*X\* document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| A          | PATENT ABSTRACTS OF JAPAN<br>vol. 2000, no. 14,<br>5 March 2001 (2001-03-05)<br>-& JP 2000 317593 A (NIPPON STEEL CORP),<br>21 November 2000 (2000-11-21)<br>"electromagnetic stirring"<br>abstract; figures 1,3,5<br>-----  | 1-10                 |
| A          | EP 0 909 598 A (EBIS CORP)<br>21 April 1999 (1999-04-21)<br>page 5; claims 28-38; figures 2,13,30<br>-----   | 1-10                 |
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Information on patent family members

International Application No

PCT/FR2004/002728

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